

09/81/60
J1132 U.S. PRO
09/18/01

09-20-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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jc971 U.S. PRO
09/955889
09/18/01

Please type a plus sign (+) inside this box [+]

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390P9484

(maximum 12 characters)

First Named Inventor Sabina J. Houle et al.

Title: CARBON-CARBON AND/OR METAL-CARBON FIBER COMPOSITE HEAT SPREADER

Express Mail Label No. EL 672 746 500 US

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 24)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 9)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
 b. Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Express Mail Certificate of Mailing

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: 09/670,923 Examiner Flanigan, A. Group Art Unit 3743
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Michael A. Bernadicou

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934

Signature: Michael A. Bernadicou Date: 01/01/01

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$710.00

Complete if Known:

Application No. Not yet assigned
 Filing Date Herewith
 First Named Inventor Sabina J. Houle et al.
 Group Art Unit Not yet assigned
 Examiner Name Not yet assigned
 Attorney Docket No. 042390P9484D

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Credit Card
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>		
Fee	Fee	Fee	Fee		
Code	Fee (\$)	Code	Fee (\$)		
101	710	201	355	Utility application filing fee	<u>\$710.00</u>
106	320	206	160	Design application filing fee	<u></u>
107	490	207	245	Plant filing fee	<u></u>
108	710	208	355	Reissue filing fee	<u></u>
114	150	214	75	Provisional application filing fee	<u></u>

SUBTOTAL (1) \$ 710.002. EXTRA CLAIM FEES

<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>15</u> - 20** = <u>0</u>	X <u>\$18.00</u>	= <u>\$0.00</u>
Independent Claims <u>3</u> - 3** = <u>0</u>	X <u>\$80.00</u>	= <u>\$0.00</u>
Multiple Dependent	<u>\$270.00</u>	= <u>\$0.00</u>

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>		
Fee	Fee	Fee		
Code	Fee (\$)	Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
			Surcharge - late filing fee or oath
			Surcharge - late provisional filing fee or cover sheet
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
			Non-English specification
			For filing a request for ex parte reexamination
			Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*
			Requesting publication of SIR after Examiner action
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
			Petition to institute a public use proceeding
			Petition to revive – unavoidable
			Petition to revive - unintentional
			Utility issue fee (or reissue)
			Design issue fee
			Plant issue fee
			Petitions to the Commissioner
			Processing fee under 37 CFR 1.17(q)
			Submission of Information Disclosure Stmt
			Recording each patent assignment per property (times number of properties)
146	710	246	355
			For filing a submission after final rejection (see 37 CFR 1.129(a))
149	710	249	355
			For each additional invention to be examined (see 37 CFR 1.129(b))
179	710	279	355
169	900	169	900
			Request for Continued Examination (RCE)
			Request for expedited examination of a design application
195	300	195	300
			Publication fee for early, voluntary, or normal publication
196	300	196	300
194	130	194	130
098	130	098	130
091	1,240	091	1,240
			Publication fee for republication
			Request for voluntary publication or republication
			Processing fee under 37 CFR 1.17(i)
			Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael A. Bernadicou

Signature: Michael A. Bernadicou Date: 9/10/01

Reg. Number: 35,934 Telephone Number: (408) 720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL672746500US
Date of Deposit: September 18, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

TERESA Edwards

(Typed or printed name of person mailing paper or fee)

Teresa Edwards

(Signature of person mailing paper or fee)

September 18, 2001

(Date signed)

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith
Client: Intel Corporation
Title: CARBON-CARBON AND/OR METAL-CARBON FIBER COMPOSITE HEAT SPREADER

BSTZ File No.: 042390P9484D Atty/Secty Initials: MAB/te
Date Mailed: September 18, 2001 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (____ pgs.) Express Mail No.: EL672746500US Check No. 45310
 Appeal Brief (____ pgs.) (in triplicate) Month(s) Extension of Time Amt: \$710.00
 Application - Utility (____ pgs., with cover and abstract) Information Disclosure Statement & PTO-144 (____ pgs.) Check No. _____
 Application - Rule 1.52(b) Continuation (____ pgs.) Issue Fee Transmittal Amt: _____
 Application - Rule 1.53(b) Divisional (____ pgs.) Notice of Appeal Petition for Extension of Time
 Application - Rule 1.53(b) CIP (____ pgs.) Petition for _____
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) Postcard
 Application - Design (____ pgs.) Power of Attorney (____ pgs.)
 Application - PCT (____ pgs.) Preliminary Amendment (____ pgs.)
 Application - Provisional (____ pgs.) Reply Brief (____ pgs.)
 Assignment and Cover Sheet Response to Notice of Missing Parts
 Certificate of Mailing Small Entity Declaration for Indep. Inventor/Small Business
 Declaration & POA (____ pgs.) Transmittal Letter, in duplicate
 Disclosure Docs & Org & Copy of Inventor's Sgnd Letter (____ pgs.) Fee Transmittal, in duplicate
 Drawings: 9 # of sheets includes 12 figures

Other: Copy of Specification, Figures and DPOA as originally submitted on September 29, 2000; Formal Drawings Submission:
Express Mail Certificate of Mailing EL672746500US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sabina J. Houle et al.

Serial No.: Not yet assigned

Filed: Herewith

For: CARBON-CARBON AND/OR
METAL-CARBON FIBER COMPOSITE
HEAT SPREADERAssistant Commissioner for Patents
and Trademarks
Washington, D.C. 20231

)
) Examiner: Not yet assigned
)
)
) Art Unit: Not yet assigned
)

"Express Mail" mailing label number: E1672746500US
Date of Deposit: September 18, 2001
I hereby certify that I am causing this paper or fee to be
deposited with the United States Postal Service "Express Mail Post
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TERESA Edwards

(Typed or printed name of person mailing paper or fee)
TERESA Edwards(Signature of person mailing paper or fee)
September 18, 2001

(Date signed)

FORMAL DRAWINGS SUBMISSION

Enclosed herewith for submission in the United States Patent and Trademark
Office are nine (9) sheets of formal drawings for the patent application referenced
above.

If there are any further charges please charge them to Deposit Account No. 02-
2666. A duplicate of this sheet is enclosed for that purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 9/10, 2001M. A. BernadicouMichael A. Bernadicou
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